

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US03/16240

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C23F 1/00, 1/08
US CL : 216/62, 63, 65, 78

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 216/62, 63, 65, 78

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 052 689 A1 (GEORGE et al.) 15 November 2000 (15.11.2000), paragraphs [0018], [0022], [0023], [0033]- [0036],	1-8, 11, 12, 17-21
Y	US 5,883,005 A (MINTON et al.) 16 March 1999 (16.03.1999), abstract; figure 3; column 5, lines 50-51; column 14, lines 15-25.	1, 4-12, 14-17, 20, 21
Y, T, P	US 2003/0168001 A1 (SNEH) 11 September 2003 (11.09.2003), paragraphs [0199] - [0204].	1, 12
A	US 5,350,480 A (GRAY) 27 September 1994 (27.09.1994), abstract; figure 3; column 5, lines 50-51; column 14, lines 15-25.	1, 12
X	US 2001/0055649 A1 (OGURE et al.) 27 December 2001 (27.12.2001), abstract, paragraphs [0020] - [0022], [0160] - [0179,] .	1-21
Y	US 5,993,679 A (KIODE et al.) 30 November 1999 (30.11.1999), abstract; figure 1; column 1, lines 47-67; columns 5-9.	1, 12



Further documents are listed in the continuation of Box C.



See patent family annex.

Special categories of cited documents:

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

15 October 2003 (15.10.2003)

Date of mailing of the international search report

13 NOV 2003

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
USPTO, USPGPUB, EPO, JPO Derwent, IBMTDB
etch Cu copper oxygen O atom atomic diketone acac acacH tfacH hfacH